

Message Text

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ORIGIN OES-06

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FM SECSTATE WASHDC
TO AMCONSUL BOMBAY NIACT IMMEDIATE
INFO AMEMBASSY NEW DELHI IMMEDIATE

C O N F I D E N T I A L STATE 219294

STADIS////////////////////////////////

E.O. 11652: NA

TAGS: TECH, IN

SUBJECT: TARAPUR

REFS: A. STATE 216964 B. STATE 214519

1. RE. REFTTEL A., INDICATED ARRIVALS CHANGED. LAST NOW
ARRIVING OK AIRLINE FLIGHT 510; 0715; KIEFER AIRINDIA
FLIGHT 122; 0730, BOTH SEPTEMBER 5.

2. RE. REFTTEL B, SINCE EMBASSY CONVEYED INFORMATION TO
SETHNA, BOMBAY HAS NOT REPEAT NOT HAD OPPORTUNITY TO
ADVISE WHETHER CONGEN WILL BE ABLE TO ACCOMPANY LAST AND
KIEFER AS SUGGESTED ON VISITS INDIAN NUCLEAR FACILITIES.
IN THIS REGARD, IN LIGHT ADDITION REACTOR FUEL MANAGEMENT
SPECIALIST, ASSUME VISIT TO TAPS WILL BE INCLUDED.
RELATEDLY, WHEN KRATZER BRIEFED LAST AND KIEFER, HE
ENCOURAGED THEM TO MAKE VISITS TO ANY OTHER MAJOR NUCLEAR
FACILITIES PROFFERED BY SETHNA OR OTHER OFFICIALS.
SPECIFICALLY, HE SUGGESTED TROMBAY AND TARAPUR REPROCESS-
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ING FACILITY, IF OPPORTUNITY PRESENTED ITSELF. KRATZER

INDICATED THAT WHILE VISIT IN NO WAY INTENDED AS INTELLIGENCE EXERCISE, ANY TECHNICAL INFORMATION ON INDIAN

NUCLEAR PROGRAM BEYOND IMMEDIATE OBJECTIVE OF VISIT WHICH LAST OR KIEFER MIGHT OBTAIN WOULD BE WELCOMED.

3. IN PREPARATION LAST/KIEFER VISIT, FOLLOWING INFORMATION REQUIREMENTS HAVE BEEN IDENTIFIED WITH REGARD TAPS OPERATION:

FOR EACH PAST FUEL CYCLE:

- (A) ESTIMATED CYCLE ENERGY AND CAPACITY FACTOR.
- (B) ACTUALLY ATTAINED CYCLE ENERGY AND CAPACITY FACTOR.
- (C) NUMBER OF FUEL ASSEMBLIES LOADED FOR

- (1) ENERGY REQUIREMENTS.
- (2) REPLACEMENT OF FOILED ASSEMBLIES IN ADDITION TO NUMBER FOR ENERGY NEEDS.

(D) IDENTIFY REASON FOR SELECTION OF END-OF-CYCLE DATE SELECTION.

- (1) END OF FULL POWER CAPABILITY
- (2) MEET MAINTENANCE SCHEDULE PLANS OF THE POWER SYSTEM.
- (3) FUEL FAILURES.
- (4) OTHER PLANT REQUIREMENTS.

FOR EACH FUTURE CYCLE DURING THE NEXT FIVE YEARS OR LONGER IF AVAILABLE:

- (A) ESTIMATED CYCLE ENERGY AND CAPACITY FACTOR.
- (B) EXPECTED CYCLE LENGTH.
- (C) EXPECTED DURATION OF PLANNED MAINTENANCE AND REFUELING OUTAGES.
- (D) ESTIMATED NUMBER OF ASSEMBLIES TO BE LOADED, DISTRIBUTION OF ENRICHMENTS.
- (E) EXPECTED AVERAGE BURNUP OF DISCHARGED ASSEMBLIES.
- (F) EXPECTED IMPROVEMENT IN FUEL FAILURE PERFORMANCE.

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(IF CYCLE LENGTHS OTHER THAN ANNUAL ARE CONTEMPLATED, PROVIDE DATA FOR SUCH ALTERNATE PLANS ALSO.)

TYPICAL DAILY AND ANNUAL LOADING PATTERNS FOR THE POWER SYSTEM TO WHICH TARAPUR IS CONNECTED.

SYSTEM POWER DISPATCHING CRITERIA WHICH DETERMINE THE LOADINGS OF TARAPUR STATION.

RECORDS OF DAILY OR MONTHLY ENERGY PRODUCTION FOR TARAPUR
FOR 1975 AND 1976. ROBINSON

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